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RH	AT	<u>37</u>	Distinguishes	s between Deox	<pre>cy- and Dideoxynucle</pre>	eotides," J. Mo	l. Biol. 2	78:147-165,	

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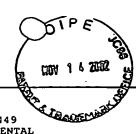
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Page 2 of 10



## FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.4500004/BJD/MTT

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RH	AS	<u>38</u>	Bebenek, K., e Nat. Struct. E	Bebenek, K., et al., "A minor groove binding track in reverse transcriptase," Nat. Struct. Biol. 4:194-197, Nature Publishing Co. (March 1997)				
RH	AT	38	Bebenek, K., a Enzymol. 262:2	Bebenek, K., and Kunkel, T.A., "Analyzing Fidelity of DNA Polymerase," <i>Meth</i> . <i>Enzymol. 262</i> :217-232, Academic Press, Inc. (1995)				
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ATTY. DOCKET NO. O942.4500004/BJD/MTT 09/677,574

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RH	AR	<u>39</u>		Science 260:3	cture of DNA Polymerase 52-355, American Associa			
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RH	АТ	<u>39</u>	Brownstein, M.J., et al., "Modulation of Non-Templated Nucleotide Addition by Taq DNA Polymerase: Primer Modifications that Facilitate Genotyping," Biotechniques 20:1004, 1006, 1008-1010, Eaton Publishing Co. (June 1996)					
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Page 4 of 10

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RH	AS	<u>40</u>		lark, J.M., et al., Novel Blunt-end Addition Reactions Catalyzed by DNA olymerase I of <i>Escherichia coli," J. Mol. Biol. 198</i> :123-127, Academic Press Ltd. 1987)				
RH	AT	<u>40</u>	polymerases," 1996)	Nucl. Acid Re	elity of <i>Pfu</i> DNA polyme: es. 24:3546-3551, Oxford	rase and ot d Universit	ther therm	ostable DNA September
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Page 5 of 10



FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0942.4500004/BJD/MTT	APPLICATION NO. 09/677,574
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RH	AS	41	Eom, S.H., et site," <i>Nature</i>	om, S.H., et al., "Structure of <i>Taq</i> polymerase with DNA at the polymerase active ite," <i>Nature 382</i> :278-281, Macmillan Journals Ltd. (July 1996)				
RH	AT	41	Georgiadis, M.M., et al., "Mechanistic implications from the structure of a catalytic fragment of Moloney murine leukemia virus reverse transcriptase,"  Structure 3:879-892, Current Biology Ltd. (1995)					
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RH	AS	<u>42</u>	templates is i	arrison, G.P., et al., "Pausing of reverse transcriptase on retroviral RNA emplates is influenced by secondary structures both 5' and 3' of the catalytic ite," Nucl. Acids Res. 26:3433-3442, Oxford University Press (July 1998)				
RH	АТ	42	Hu, G., "DNA F the 3' End of (1993)	Polymerase-Cat a DNA Fragmer	talyzed Addition of Non- nt," DNA Cell Biol. 12:	templated E	Extra Nucl ary Ann Li	eotides to ebert, Inc.
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FORM PTO-1449
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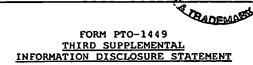
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RH	AS	<u>43</u>	Joyce, C.M., and Steitz, T.A., "Function and Structure Relationships in DNA Polymerases," Annu. Rev. Biochem. 63:777-822, Annual Reviews, Inc. (1994)					
RH	AT	Kiefer, J.R., et al., "Crystal structure of a thermostable Bacillus DNA  13 polymerase I large fragment at 2.1 Å resolution," Structure 5:95-108, Current Biology Ltd. (January 1997)						
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ATTY. DOCKET NO. 0942.4500004/BJD/MTT	APPLICATION NO. 09/677,574
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RH	AR	<u>44</u>	Kohlstaedt, L.A., et al., "Crystal Structure at 3.5 Å Resolution of HIV-1 Reverse Transcriptase Complexed with an Inhibitor," Science 256:1783-1789, American Association for the Advancement of Science (1992)							
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RH	AT	44	Leung, D.W., et al., "A Method for Random Mutagenesis of a Defined DNA Segment Using a Modified Polymerase Chain Reaction," <i>Technique 1</i> :11-15, W.B. Saunders Co. (1989)							
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RH	AR	<u>45</u>	Lundberg, K.S., et al., "High-fidelity amplification using a thermostable DNA polymerase isolated from <i>Pyrococcus furiosus</i> ," Gene 108:1-6, Elsevier Science B.V. (1991)							
RH	AS	<u>45</u>	Myers, T.W., and Gelfand, D.H., "Reverse Transcription and DNA Amplification by a Thermus thermophilus DNA Polymerase," Biochem. 30:7661-7666, The American Chemical Society (1991)							
RH	AT	<u>45</u>	Smith, J.R., et al., "Approach to Genotyping Errors Caused by Nontemplated Nucleotide Addition by <i>Taq</i> DNA Polymerase," <i>Genome Res.</i> 5:312-317, Cold Spring Harbor Laboratory Press (1995)							
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RH	Yang, SW., et al., "Mutant Thermotoga neapolitana DNA polymerase I: altered catalytic properties or non-templated nucleotide addition and incorporation of correct nucleotide," Nucl. Acids Res. 30:4314-4320, Oxford University Press (October 2002)									
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